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GenCore version 4.5
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OM protein - protein search, using sw model

June 21, 2000, 19:59:44 ; Search time 52.6 Seconds (without alignments) 349.995 Million cell updates/sec Run on:

Title: Perfect score:

US-08-702-525-13 1624 1 MYVIKTCATCTMGLAILIFV......ETINLKELEPQIASAKPNAE 314 Sequence:

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

168808 segs, 58629743 residues Searched:

168808 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 1000000

Post-processing: Minimum Match 0% Listing first 45 summaries

Database :

PIR_63:*
1: pirl:*
2: pir2:*
3: pir3:*
4: pir4:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

		Þ	gene B7-2 protein	antic	Ė	Dhockto acti	rat -	CD80 precursor - r	1-restricted	B7 protein - red-c	R2 alpha -	butyrophilin - boy	PRR2 delta - human	T cell activation	butyrophilin precu	OX-2 membrane glvc	. 12	tractin - medicina	h11		receptor protein-t	neuromusculin - fr	Iq kappa chain pre	poliovirus recepto	neural cell adhesi	osine	Id kappa chain - m	CSF-1 receptor - r	CSF-1 receptor - b	_	protein-tyrosine k	=
SUMMARIES		a	149522	A48754	146691	149503	154766	146690	A45803	G00031	153960	A37821	I68093	A46462	S70587	A47639	S58892	T18531	S65133	T09058	JN0677	T13669	801320	JC4024	IJHUNG	A49714	S52028	S16385	160321	B41288	A35963	PC4203
		Length DB					321 2																									
æ		Match Le	0.	9.4	8.8	4.2	7	2.1	o.	o.	0.	0.	٥.	0.	∞.	٦.	٦.	۲.	٥.	٥.	.7	٠.	. ب	9.	œ.	9.	ı.	ĸ.	'n.	٠.	₹.	₹.
		Score	1576	724.5	694.5	231	223	197	161.5	144.5	129.5	129.5	129.5	129.5	127	116	114.5	114.5	114	113.5	109.5	108.5	107	106.5	106.5	106.5	105.5	105.5	105.5	105	104.5	103.5
	Result		H	7	m	4	ស	9	7	Φ.	σ,	10	11	12	13	14	12	16	17	18	19	20	21	22	23	24	25	56	27	28	53	30

antigen BCW1 precu	hypothetical prote	novel celular pro	SHP substrate-1	SHP substrate-1 or	Cell surface given	colon carcinoma-as	Id light chain pre	biliary glycoprote	fibroblast growth	fibroblast growth	neural cell adhesi	hypothetical prote	hypothetical prote	
				_	_		_			١.				
JL0143	H70103	I38547	JC5288	JC5289	I38049	A54017	820000	A32164	S19947	B49151	IJBONC	T20992	T20993	A35648
~	~	~	~	~	~	~	~	~	7	~	-	7	7	7
240	490	666	509	513	646	416	235	526	822	822	853	5175	5198	647
4.9	6.3	6.3	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.1
103.5	103	103	101.5	101.5	101	100.5	100	100	100	100	100	100	100	99.5
31	32	33	34	32	36	37	38	33	40	41	43	43	44	45

ALIGNMENTS

RESOUR 1 149522 gene B7-2 protein - mouse C:Species: Mus musculus (house mouse) C:Species: Mus musculus (house mouse) C:Species: Mus musculus (house mouse) C:Accession: 149522 C:Accession: 149522 B:Freeman, G.J.; Borriello, F.; Hodes, R.J.; Reiser, H.; Gribben, J.G.; Ng, J.W.; A:Title: Murine B7-2, an alternative CTLA4 counter-receptor that costimulates T ce A:Reference number: 149522; MUID:94065585 A:Accession: 14952 C:Genetics: C:Genetics: C:Genetics: C:Genetics: C:Genetics: C:Genetics: C:Genetics: C:Genetics: C:Superfamily: B7-2 antigen
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Gaps ö Length 309 0; Indels Query Match

Query Match

Best Local Similarity 100.08; Score 1576; DB 2;

Best Local Similarity 100.08; Pred. No. 6e-112;

Matches 305; Conservative... 0; Mismatches 0;

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310 KPNAE 314 ð

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RESULT 2 A48754 B7-2 antigen - human N;Alternate names: B70 glycoprotein; CD86 antigen; CTLA-4 counter-receptor